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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number 09/687,837	TECH CENTER 1600/2900 APR 29 2003
Total Number of Pages in This Submission 7	Attorney Docket Number VITA-002CIP		
ENCLOSURES (check all that apply)			
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> 1. Form PTO/SB/08A 2. Copies of cited references 3. Postcard	
Remarks			

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Signing Attorney/Agent (Reg. No.)	JAMES S. KEDDIE, PH.D., 48,920 BOZICEVIC, FIELD & FRANCIS LLP		
Signature			
Date	April 18, 2003		

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: April 18, 2003.

Typed or printed name	Susan M. Alessi	Date	April 18, 2003
Signature			

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EE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 180)

Complete if Known

Application Number	09/687,837
Filing Date	October 13, 2000
First Named Inventor	LU, PETER S.
Examiner Name	BUNNER, BRIDGET E.
Art Unit	1647
Attorney Docket No.	VITA-002CIP

TECH CENTER 1600/2900
APR 29 2003

METHOD OF PAYMENT (check all that apply)

 Check Credit Card Money Order Other None Deposit Account:

Deposit Account Number 50-0815

Deposit Account Name Bozicevic, Field & Francis LLP

The Commissioner authorized to: (check all that apply)

Charge fees indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fees indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Fee from Extra Claims below				Fee Paid
Total Claims	-20**	=	x	=
Indep. Claims	-3**	=	x	=
Multiple Dependent				=

Large Entity Fee Code	Small Entity Fee Code	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		

**or number previously paid, if greater; For Reissues, see above.

3. ADDITIONAL FEES

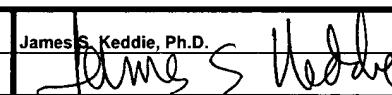
Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
1051 130	2051 65	Surcharge – late filing fee or oath	
1052 50	2052 25	Surcharge – late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examination action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive – unavoidable	
1453 1,300	2453 650	Petition to revive – unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1406 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	180
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) _____			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 180)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	James S. Keddie, Ph.D.	Registration No. (Attorney/Agent)	48,920	Telephone	(650) 327-3400
Signature				Date	04/18/2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Typed or Printed Name	Susan M. Alessi		
Signature	Susan Alessi	Date	04/18/2003
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT Address to: Commissioner for Patents Washington, D.C. 20231		Attorney Docket	VITA-002CIP
		First Named Inventor	LU, PETER S.
		Application Number	09/687,837
		Filing Date	October 13, 2000
		Group Art Unit	1647
		Examiner Name	BUNNER, BRIDGET E.
Title: "CLASP-2 TRANSMEMBRANE PROTEINS"			

#21
M.G.J
4/29/03

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. This is being filed *after* three months of the filing date of this national application or the date of entry of the national stage as set forth in §1.491 in an international application or *after* the mailing date of the first Office Action on the merits, whichever event occurred last, but *before* the mailing date of either a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first.

A Form PTO-SB/08A listing the references accompanies this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

All of the references identified herein are being submitted prior to the final determination on patentability by the Office. Of the references identified herein, some were disclosed in parent application serial number 09/547,276, filed 4/11/2000 and as such, copies thereof are not included pursuant to the provisions of 37 CFR § 1.98(d).

All of the references identified herein were cited in an International (PCT) Search Report dated *, in a PCT application corresponding to the above-identified U.S. application. A copy of the Search Report, including an indication of the purported relevance of the cited documents, is enclosed herewith. Copies of the references are submitted herewith.

All of the references identified herein were disclosed in parent application Serial No. 09/547,276 and, as such, copies thereof are not included pursuant to the provisions of 37 C.F.R. §1.98(d), except if noted below.

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. §102.

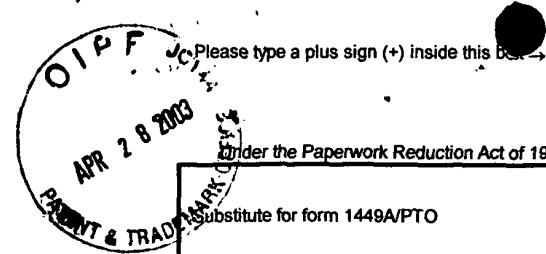
Please charge the \$180.00 fee required by 37 C.F.R. §1.97(c) and set forth in 37 C.F.R. 1.17(p) and any additional fees which may be required by this paper or any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21, or to credit any overpayment, to Deposit Account No. 50-0815, order number VITA-002CIP.

Respectfully submitted,
BOZICEVIC, FIELD & FRANCIS LLP

Date: 04/18/2003

By: James S. Keddie
James S. Keddie, Ph.D.
Registration No. 48,920

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<p>Substitute for form 1449A/PTO</p> <p>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>				Complete if Known	
				Application Number	09/687,837
				Filing Date	10/13/2000
				First Named Inventor	LU, PETER S.
				Group Art Unit	1647
				Examiner Name	BUNNER, BRIDGET E.
Sheet	1	of	2	Attorney Docket Number	VITA-002CIP

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U.S. PATENT DOCUMENTS					
Examiner Initials'	Cite No. ¹	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		

FOREIGN PATENT DOCUMENTS					
Examiner Initials'	Cite No. ¹	Foreign Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY
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OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		DRUBIN et al., "Origins of Cell Polarity," <i>Cell</i> , (1996), Vol. 84:335-344			
		GEIGER et al., "Spatial Relationships of Microtubule-organizing Centers and the Contact Area of Cytotoxic T Lymphocytes and Target Cells," <i>J. of Cell Biol.</i> , (1982), Vol. 95:137-143.			
		Genbank Accession No. AB002297			
		Genbank Accession No. AB028981			
		Genbank Accession No. AI653716			
		Genbank Accession No. AI677957			
		Genbank Accession No. AI913163			
		Genbank Accession No. BE296956			
		Genbank Accession No. BE301939			
		Genbank Accession No. BE311583			
		Genbank Accession No. BE763461			
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		Genbank Accession No. X68101			
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Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/687,837
Sheet	2	of	2	Attorney Docket Number	VITA-002CIP

	GenBank Identification No. 815795	
	Genbank Identification No. 3876325	
	Genbank Identification No. 3882152	
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	Genbank Identification No. 9884693	
	Genbank Identification No. 9926440	
	Genbank Identification No. 9944141	
	Genbank Identification No. 9988160	
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	KUPFER et al., "Small Splenic B Cells That Bind to Antigen-Specific T Helper (Th) Cells and Face the Site of Cytokine Production in the Th Cells Selectively Proliferate: Immunofluorescence Microscopic Studies of Th-B Antigen-presenting Cell Interactions," <i>J. Exp. Med.</i> , (1994), Vol. 179:1507-1515	
	LEE et al. "Activation Induces a Rapid Reorganization of Spectrin Lymphocytes," <i>Cell</i> , (1988), Vol. 55:807-816	
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	NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap ; Accession No.: AA281512, "National Cancer Institute, Cancer Genome Anatomy Project Tumor Gene Index"	
	ROZDZIAL, MM, "Tyrosine-Phosphorylated T Cell Receptor Chain Associates with the Actin Cytoskeleton upon Activation of Mature T Lymphocytes," <i>Immunity</i> , (1995), 3: 623-633	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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